AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [5] with the following amended paragraph:

Thes~~ere~~ exists numerous pieces of evidence showing that tumors are depend~~ingent~~ on de novo formation of blood vessels for expansion beyond a mass of a few mm^3. The angiogenesis is triggered by factors secreted by the tumor cells. It has recently been discovered that tumors through unleashed proteolytic activity generate[[s]] peptide fragments, which show anti-angiogenic activities. One example is the molecule angiostatin, which is a fragment of plasminogen.

Please replace paragraph [7] with the following amended paragraph:

Angiostatin does indeed exhibit some advantageous properties, inter alia as it is an endogenous substance. However, the disadvantages associated with its possible use for medical purposes cannot be neglected. One is that the half life thereof is very short, it may be counted in hours, thereby requiring a frequent administration thereof. Th[[i]]us far, the efficiency thereof has proven to be rather low, which fact necessitates the use of large doses thereof. These two disadvantages are in themselves strong motives for directing further research towards the finding of alternative, smaller and/or more efficient molecules to be used as medicaments.

Please replace paragraph [56] with the following amended paragraph:

The dosage of these low molecular weight compounds will depend on the disease state or condition to be treated and other clinical factors such as weight and condition of the human or animal and the route of administration of the compound For treating human or animals, between approximately 0.5 mg/Kg of body weight to 500 mg/Kg of body weight of the compound can be administered.

Please replace paragraph [66] with the following amended paragraph:

Identification of Angiostatin Bindin[[e]]g Molecules Using the Yeast Two Hybrid System

Please replace paragraph [122] with the following amended paragraph:

The cycling protocol[[s]] was:

Please replace paragraph [126] with the following amended paragraph:

The Comparative method use<u>s</u> an arithmetic formula to achieve the result for relative quantitation without <u>the</u> need for Standard curve.